

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 November 2003 (13.11.2003)

PCT

(10) International Publication Number
WO 03/093821 A1

(51) International Patent Classification⁷: G01N 33/543, 33/68

(21) International Application Number: PCT/SE03/00703

(22) International Filing Date: 29 April 2003 (29.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0201306-8 29 April 2002 (29.04.2002) SE
60/375,823 29 April 2002 (29.04.2002) US

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

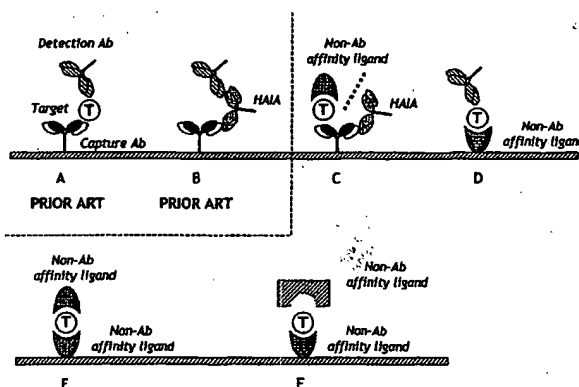
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SANDWICH ASSAY AND KIT



(57) Abstract: A sandwich assay method for detecting the presence of a target molecule in a sample comprising a complex biological fluid is provided. The assay comprises providing a first affinity ligand with affinity for the target molecule, which affinity ligand is capable of being immobilized to a solid support; applying the sample in such a way that binding of a target molecule, if present in the sample, to the first affinity ligand is enabled; applying a second affinity ligand with affinity for the target molecule, the application enabling binding of the second affinity ligand to the target molecule; removing second affinity ligand not bound to target molecule; and detecting the presence of the second affinity ligand, such presence being an indicator of the presence of a target molecule in the sample. The first affinity ligand is immobilized to the solid support at any stage before said detection, and at least one of the first and second affinity ligands is an affinity ligand other than an antibody. The invention also provides a kit for use in the method. The kit comprises: a first affinity ligand with affinity for the target molecule and capable of being immobilized to a solid support; a second affinity ligand with affinity for the target molecule, the presence of which ligand is detectable; and a solid support to which the first affinity ligand is capable of being immobilized. In the kit, at least one of the first and second affinity ligands is an affinity ligand other than an antibody.

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